



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 7**

11201 Renner Boulevard  
Lenexa, Kansas 66219

**JUL 19 2016**

Mr. Lawrence C. Rosen  
Environmental Operations, Inc  
1530 South Second Street, Suite 200  
St. Louis, Missouri 63104-4500

RE: Approval of the revised Groundwater Monitoring and Vapor Intrusion Work Plan  
Dated July 5, 2016, for the Solutia - J.F. Queeny Site, St. Louis, Missouri  
EPA ID No. MOD 004 954 111

Dear Mr. Rosen:

The U.S. Environmental Protection Agency in consultation with the Missouri Department of Natural resources is approving with condition the subject work plan. Additional conditions/changes to be incorporated into the implementation of the work plan are listed below.

1. A sub-slab study will be triggered if the sum of the carcinogenic risks exceeds  $1E-06$  or if the vapor intrusion hazards sum exceeds 0.1 for industrial air exposure.
2. Tedlar Bags shall not be used for soil gas sample collection. Soil gas samples shall be collected directly into summa canisters.
3. Only flush mounted sample ports shall be used for sub-slab sample collection. Sampling ports that are above floor level pose an unnecessary physical hazard to building occupants.

Please contact me at (913) 551-7755 if you have any questions concerning these approval conditions.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce A. Morrison".

Bruce A. Morrison  
Project Manager  
Waste Remediation and Permitting Branch  
Air and Waste Management Division

cc: Christine Kump-Mitchell, MDNR  
Rich Nussbaum, MDNR  
Stacy Hastie, SWH Investments  
Eric Page, EOI

RCRA



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